

A METHOD AND SYSTEM FOR DYNAMICALLY INITIALIZING A VIEW FOR A  
STREAMING DATA BASE SYSTEM

ABSTRACT OF THE DISCLOSURE

5           A method for dynamically initializing a view for a streaming database system. The method includes accessing a stream of events. An initial view is materialized from the stream, wherein the initial view comprises a dynamically defined view of the stream of events from the streaming database system. The method also includes processing a plurality of recent view snapshots from the initial view. A view state derived from each of the recent view  
10 snapshots is generated. An updated view is subsequently maintained in accordance with the view state, wherein the updated view incorporates new events of the stream.